

Cisco Smart+Connected Video Door Station for Property Developers



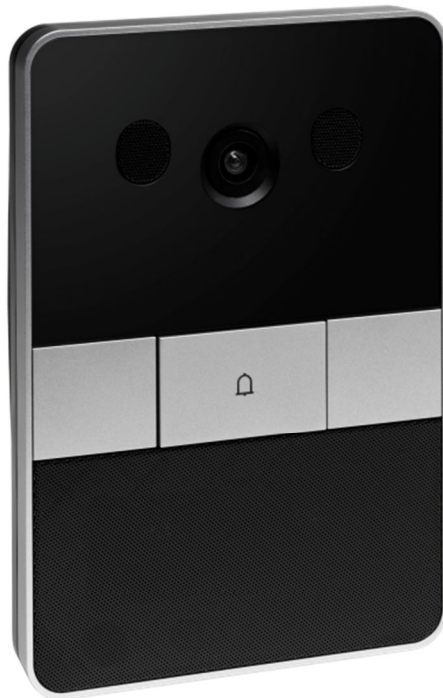
The Cisco® Smart+Connected Video Door Station provides easy-to-use, secure communications between a visitor at the door and the homeowner inside a residence. When a guest pushes the built-in doorbell, the user hears an alert and is shown video of the guest on a Cisco Smart+Connected™ 7" In-wall Display or Smart+Connected Portable Tablet. The resident can talk to the guest over the intercom and open the door with the press of a button.

The Cisco Video Door Station comes in two versions: Internal or External. The Video Door Station External is designed to withstand harsh weather conditions while the Video Door Station Internal is designed for hallway or lobby use. The External Video Door Station is perfect for use outside a building or at a gated entrance where weather conditions vary. The Internal Video Door Station is ideal for mounting within a protected building such as outside the resident's home, to view visitors before allowing them into the property. Both video door stations deliver full-motion video and the fidelity of wideband audio intercom for secure, crystal-clear communications throughout the dwelling.

Features and Benefits

Figure 1 shows the Cisco Video Door Station Internal.

Figure 1 Cisco Smart+Connected Video Door Station Internal



The Internal Video Door Station provides an exceptional audio and video intercom experience in combination with the Cisco Smart+Connected Touchscreens, either the Cisco Portable Tablet or Cisco 7" In-wall Display. It allows the resident to monitor and communicate with visitors at the front door or entryway. Features include:

- Video intercom support enabling users to see who is at the front door from the comfort of the bed or couch when used with Cisco Smart+Connected Touchscreens, either the Cisco Portable Tablet or Cisco In-wall Display
- Exceptional audio and video intercom experience with H.264 full-motion video, integrated speakers, and dual microphones with beamforming and wideband audio
- Two contacts and one relay that make it easy to control and monitor two different dry contacts for door sensors and other sensors, and a low voltage relay for triggering external relay-enabled door locks

Figure 2 shows the Cisco Video Door Station External.

Figure 2. Cisco Smart+Connected Video Door Station External



The Cisco Smart+Connected Video Door Station External provides easy-to-use, secure communications between a visitor outside the dwelling or at a gated entryway and the homeowner inside a residence using a Cisco Smart+Connected Touchscreen. It delivers full-motion video intercom and the fidelity of wideband audio intercom for crystal-clear communications and video security throughout the home. The External Video Door Station comes in satin black and is designed to withstand harsh weather conditions. Features include:

- Video intercom support enabling users to see who is outside the front lobby or at the gate from the comfort of the bed or couch when used with Cisco Smart+Connected Touchscreens, either the Cisco Portable Tablet or Cisco In-wall Display
- Exceptional audio and video intercom experience with H.264 full-motion video, integrated speakers, dual microphones with beamforming and wideband audio
- Two contacts and one relay that make it easy to control and monitor different dry contacts for door sensors and other sensors, and a low voltage relay for triggering external relay-enabled door locks, garage doors or electronic gates

Supporting Products

The Cisco Smart+Connected Video Door Stations are paired with Cisco Smart+Connected Controllers and Smart+Connected Touchscreens to deliver the full capabilities. Both video door stations also have optional Wi-Fi antennas that are available in two lengths. The video door stations require a back box for installation. The Cisco Video Door Station Back Box supports both the internal and external models of the Cisco Video Door Station. Table 1 lists the names and part numbers for these supporting products.

Table 1 Cisco Smart+Connected Residential Products Used with Cisco Video Doors Stations

Product Name	Part Number
Cisco Smart+Connected Controller 250	SCH-CONTROL-250
Cisco Smart+Connected Controller 800	SCH-CONTROL-800
Cisco Smart+Connected 7" In-wall Display	SCH-7IN-TS (-W and -B)
Cisco Smart+Connected Portable Tablet	SCH-TABLET
Cisco Smart+Connected 26-cm External Wi-Fi Antenna for VDS	SCH-VDS-WIFI-26CM
Cisco Smart+Connected 3m External Wi-Fi Antenna for VDS	SCH-VDS-WIFI-3M
Cisco Smart+Connected Video Door Station Back Box	SCH-VDS-BB

Product Specifications

Table 2 lists product specifications for Cisco Smart+Connected Video Door Stations.

Table 2 Specifications for Cisco Smart+Connected Video Door Stations

Product	Cisco Smart+Connected Video Door Station Internal	Cisco Smart+Connected Video Door Station External
Basic Functions		
Integrated camera	640 x 480 VGA 30 fps Min. lamination: 5 Lux Viewing angle: 120 degrees	640 x 480 VGA 30 fps Min. lamination: 5 Lux Viewing angle: 120 degrees
Intercom	Session Initiation Protocol (SIP) enabled, full-duplex video/audio intercom	SIP-enabled, full-duplex video/audio intercom
Microphone	Dual microphones Voice pick up from 10 feet away Beamforming	Dual microphones Voice pick up from 10 feet away Beamforming
Video and audio	Full-duplex video (H.264) and audio (G.722)	Full-duplex video (H.264) and audio (G.722)
Door bell	Programmable LED backlit push button	Programmable LED backlit push button
Communications		
Wi-Fi	Wireless-N (2.4-GHz 802.11n/g/b) RF frequency: 2.4 GHz Antenna: connector for external antennas Encryption: 64/128 Wired Equivalent Privacy (WEP), Temporal Key Integrity Protocol (TKIP)/Advanced Encryption Standard (AES) Authentication: WEP, Wi-Fi Protected Access (WPA), WPA2	Wireless-N (2.4-GHz 802.11n/g/b) RF frequency: 2.4 GHz Antenna: connector for external antennas Encryption: 64/128 WEP, TKIP/AES Authentication: WEP, WPA, WPA2
Ethernet	10/100 Base-T Ethernet RJ-45	10/100 Base-T Ethernet RJ-45
Power		
Power supply	PoE (IEEE 802.3af) 13 W peak or AC 100V to 240V, 50 to 60 Hz (Ethernet or Wi-Fi), or DC 12V – 1A, 24V – 0.5A (Wi-Fi only)	PoE (IEEE 802.3af) 13 W peak AC 100V to 240V, 50 to 60 Hz DC 12V, 24V
Power over Ethernet (PoE)	Yes	Yes

Product	Cisco Smart+Connected Video Door Station Internal	Cisco Smart+Connected Video Door Station External
Environmental		
Operating temperature	For Ethernet operation: -22°F to 149°F (-30°C to 65°C) For Wi-Fi operation: -22°F to 122°F (-30°C to 50°C)	For Ethernet operation: -22°F to 149°F (-30°C to 65°C) For Wi-Fi operation: -22°F to 122°F (-30°C to 50°C)
Storage temperature	-49°F to 167°F (-45°C to 75°C)	-49°F to 167°F (-45°C to 75°C)
Buttons and Outputs		
Reset	Two operation modes: Press once to reboot system, or press and hold to restore to its factory default settings	Two operation modes: Press once to reboot system, or press and hold to restore to its factory default settings
Physical Attributes		
H X W X D	7.32" x 5.24" x 2.52" (186 mm x 133 mm x 64 mm)	7.19" x 5.13" x 2.3" (182 mm x 130 mm x 58 mm)
Mounting	In-wall (back box required)	In-wall (back box required)
Weight	2.95 lb (1.34 kg)	3.25 lb (1.474 kg)

System Requirements

Cisco Smart+Connected Video Door Stations must be paired with a Cisco Smart+Connected Controller and Cisco Smart+Connected Touchscreens, as described in Table 3.

Table 3 System Requirements

Product Name	System Requirements
Cisco Smart+Connected Video Door Station Internal	Cisco Smart+Connected Controller 250 or 800, Cisco 7" In-wall Display or Cisco Portable Tablet, Cisco Video Door Station Back Box for installation
Cisco Smart+Connected Video Door Station External	Cisco Smart+Connected Controller 250 or 800, Cisco 7" In-wall Display or Cisco Portable Tablet, Cisco Video Door Station Back Box for installation

Availability

The Cisco Smart+Connected Video Door Station is available to select property developers on a limited geographical basis. If you have an opportunity that could benefit from this solution, please contact your Cisco sales representative.

Warranty Information

Find warranty information on Cisco.com at the [Product Warranties](#) page.

Ordering Information

Cisco Smart+Connected Residential products are available through your Cisco authorized reseller.

Table 4 lists the ordering information.

Table 4 Ordering Information for Cisco Smart+Connected Video Door Stations

Product Name	Part Number
Cisco Smart+Connected Video Door Station Internal	SCH-VDS-I
Cisco Smart+Connected Video Door Station External	SCH-VDS-E

Cisco Support

Cisco offers a wide range of support programs to accelerate customer success. These innovative programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. For more information, contact your Cisco sales representative.

For More Information

For more information about the Cisco Smart+Connected Residential products please contact your Cisco sales representative or visit: <http://www.cisco.com/go/smartconnectedresidential>.



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